

E<sup>2</sup> 3. (TWICE AMENDED) The portable telephone system as set forth in claim 34, wherein a position of a first party holding said portable telephone terminal may be obtained by a second party through the central system.

E<sup>3</sup> 4. (ONCE AMENDED) The portable telephone system as set forth in claim 3, wherein the second party holds another portable telephone terminal.

E<sup>4</sup> 5. (THREE TIMES AMENDED) The portable telephone system as set forth in claim 3, wherein a movement of the current position of the first party is supervised, and when the first party has not moved from an identical site for a predetermined time period, an alarm is raised upon a judgment that an unusual situation has occurred to the first party.

E<sup>5</sup> 6. (TWICE AMENDED) The portable telephone system as set forth in claim 34, wherein said portable telephone terminal transmits position information of a destination to the central system, thereby to automatically download map data of an appropriate scale from the central system on demand, the map data containing the current position of said portable telephone terminal and a position of the destination, and to display the map data.

E<sup>6</sup> 7. (ONCE AMENDED) The portable telephone system as set forth in claim 34, wherein said portable telephone terminal retains minimum map data of a region in which a holder thereof wants to move, in the form of an IC card.

E<sup>7</sup> 8. (TWICE AMENDED) The portable telephone system as set forth in claim 34, wherein said portable telephone terminal retains map data downloaded from the central system for a certain period of time, and when the map data is needed again, it is searched for from within the map data retained in said portable telephone terminal and is displayed.

E<sup>8</sup> 9. (ONCE AMENDED) The portable telephone system as set forth in Claim 8, wherein said portable telephone terminal sets a time period for retaining map data of higher use frequency, to be longer than a certain period of time.

E<sup>9</sup> 11. (TWICE AMENDED) The portable telephone as set forth in claim 35, further comprising a built-in device which detects a moving direction and a moving speed of said

E<sup>9</sup> *complaint*  
portable telephone, and wherein if the Global Positioning System becomes unavailable, said portable telephone independently determines and displays its current position.

E<sup>10</sup>  
12. (ONCE AMENDED) The portable telephone as set forth in claim 35, wherein the position of a first party holding said portable telephone may be obtained by a second party through the central system.

13. (ONCE AMENDED) The portable telephone as set forth in claim 12, wherein the second party holds another portable telephone.

E<sup>11</sup>  
14. (TWICE AMENDED) The portable telephone as set forth in claim 12, wherein a movement of the current position of the first party is supervised, and when the first party has not moved from an identical site for a predetermined time period, an alarm is raised upon a judgment that an unusual situation has occurred to the first party.

15. (TWICE AMENDED) The portable telephone as set forth in claim 35, wherein said portable telephone transmits position information of a destination to the central system, thereby to automatically download map data of an appropriate scale from the central system on demand, the map data containing the current position of said portable telephone terminal and a position of the destination, and to display the map data.

E<sup>12</sup>  
16. (ONCE AMENDED) The portable telephone as set forth in claim 35, wherein said portable telephone retains minimum map data of a region in which a holder thereof wants to move, in the form of an IC card.

E<sup>13</sup>  
17. (TWICE AMENDED) The portable telephone as set forth in claim 35, wherein said portable telephone terminal retains map data downloaded from the central system for a certain period of time, and when the map data is needed again, it is searched for from within the map data retained in said portable telephone and is displayed.

E<sup>14</sup>  
18. (ONCE AMENDED) The portable telephone as set forth in claim 17, wherein said portable telephone sets a time period for retaining map data of higher use frequency, to be longer than a certain period of time.

E 15 19. (TWICE AMENDED) The portable telephone as set forth in claim 35, wherein in the portable telephone, an antenna for the Global Positioning System is disposed in a cover for an input button portion of said portable telephone.

21. (TWICE AMENDED) The portable telephone terminal as set forth in claim 37, further comprising a display unit displaying a map which contains a destination, on the basis of position information of the destination.

E 16 22. (THREE TIMES AMENDED) The portable telephone terminal as set forth in claim 21, wherein the display unit displays a map of an appropriate scale containing the current position of the portable telephone terminal and the destination.

E 17 23. (TWICE AMENDED) The portable telephone terminal as set forth in claim 37, further comprising:

an acquiring unit acquiring position information of a first party holding said portable telephone terminal; and  
an outputting unit outputting the acquired position information of the first party.

25. (TWICE AMENDED) The portable telephone as set forth in claim 35, wherein an antenna for said Global Positioning System is disposed in a cover for an input button portion of said portable telephone.

26. (TWICE AMENDED) The portable telephone as set forth in claim 35, further comprising a display unit displaying a map which contains the acquired current position of said portable telephone.

E 18 27. (THREE TIMES AMENDED) The portable telephone as set forth in claim 26, wherein the display unit displays a map of an appropriate scale containing a current position of said portable telephone itself and the current position of another portable telephone requesting the current positioning information of the portable telephone.

E 19 32. (ONCE AMENDED) A position information management system, comprising:  
an information terminal receiving position information from a plurality of different

kinds of positioning systems, each positioning system having its own radio equipment and using corresponding radio waves to determine the position of said information terminal; and

a controller automatically changing from an unavailable one of the positioning systems to an available one of the positioning systems,

wherein a position of a first party holding said information terminal may be obtained by a second party holding another information terminal, and the positions of both the first party and the second party are displayed on the information terminal of the second party.

*E 19*  
*Concl'd*

33. (ONCE AMENDED) A method for managing position information, comprising:

receiving position information by an information terminal from a plurality of different kinds of positioning systems, each positioning system having its own radio equipment and using corresponding radio waves to determine the position of the information terminal; and

automatically changing from an unavailable one of the positioning systems to an available one of the positioning systems,

wherein a position of a first party holding the information terminal may be obtained by a second party holding another information terminal, and the positions of both the first party and the second party are displayed on the information terminal of the second party.

---

Please ADD new claims 34-37 as follows:

*E 20*

34. (NEW) A portable telephone system managing position information of a portable telephone, comprising:

a portable telephone terminal; and

a central system comprising:

a request receiving unit receiving a request for position information of the portable telephone terminal,

a position information acquiring unit acquiring current position information of the portable telephone terminal by calling the portable telephone terminal, if the portable telephone terminal is able to receive a call, or by retrieving position information that is registered beforehand, if the telephone terminal is unable to receive a call,

wherein said portable telephone terminal comprises:

a Global Positioning System receiver,

an automatic responding unit responding to a call requesting current

positioning information of the portable telephone terminal using the Global Positioning System, and

a position registering unit registering position information periodically with the central system, and

wherein a position of a first party holding said portable telephone terminal may be obtained, through the central system, by a second party holding another portable telephone terminal, and the positions of both the first party and the second party are displayed on the portable telephone terminal of the second party.

*E-20*  
Cont.  
**35. (NEW)** A portable telephone having a position managed through a central system, comprising:

a Global Positioning System receiver,

an automatic responding unit responding to a call requesting current positioning information of the portable telephone using the Global Positioning System; and

a position registering unit registering the position information periodically with the central system,

wherein a position of a first party holding said portable telephone may be obtained, through the central system, by a second party holding another portable telephone, and the positions of both the first party and the second party are displayed on the portable telephone of the second party.

**36. (NEW)** A central system managing position information of a portable telephone, comprising:

a request receiving unit receiving a request for position information of a portable telephone terminal; and

a position information acquiring unit acquiring a current position information of the portable telephone terminal by calling the portable telephone terminal if the portable telephone terminal is able to receive a call, or by retrieving position information that is registered beforehand if the telephone terminal is unable to receive a call,

wherein a position of a first party holding said portable telephone may be obtained, through said central system, by a second party holding another portable telephone, and the positions of both the first party and the second party are displayed on the portable telephone of the second party.